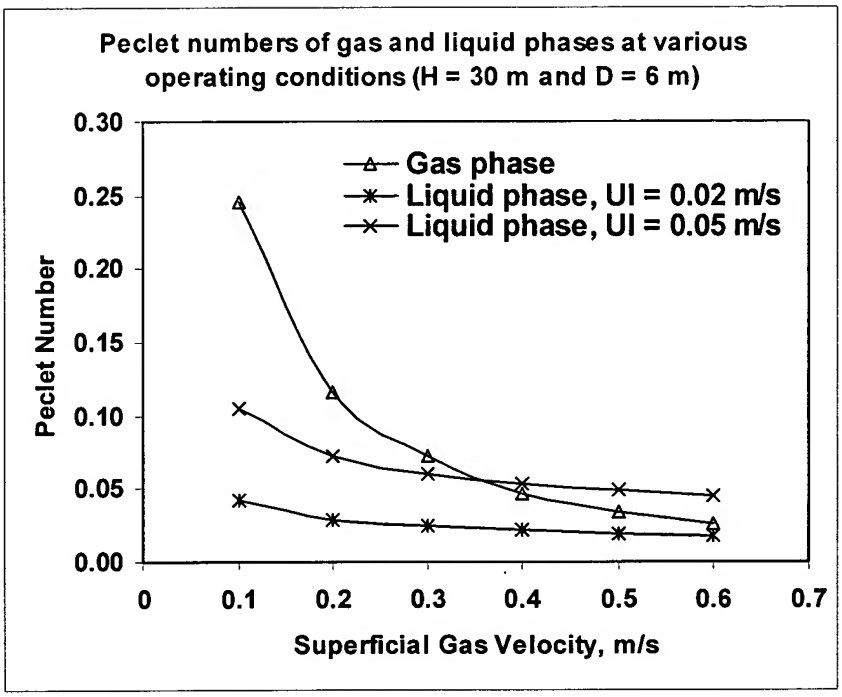
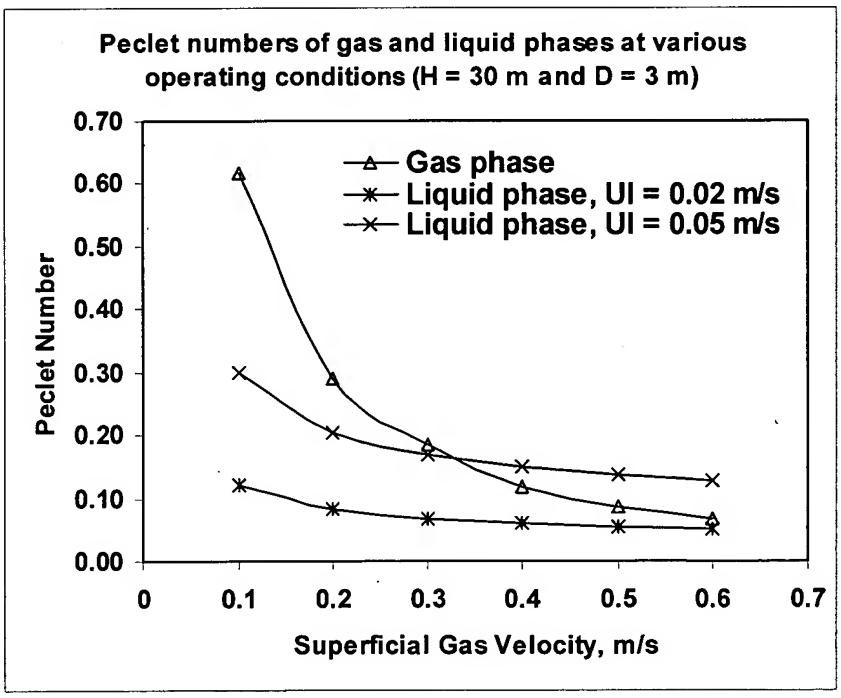
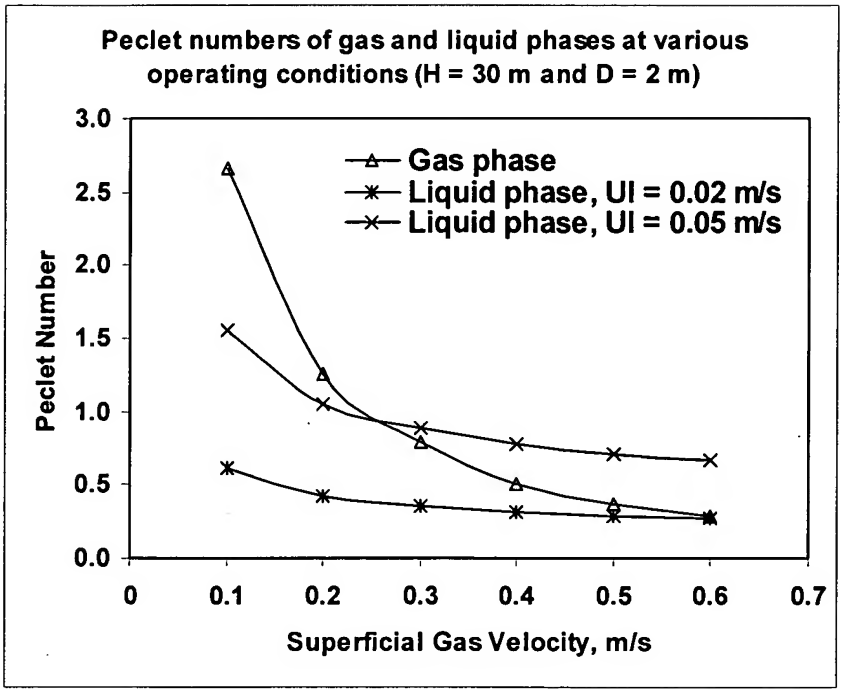

Peclet numbers of gas and liquid phases at various operating conditions (H = 30 m and D = 6 m)
Gas phase
Liquid phase, Ul = 0.02 m/s
Liquid phase, Ul = 0.05 m/s
Peclet Number
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
Superficial Gas Velocity, m/s


Peclet numbers of gas and liquid phases at various operating conditions (H = 30 m and D = 3 m)
Gas phase
Liquid phase, Ul = 0.02 m/s
Liquid phase, Ul = 0.05 m/s
Peclet Number
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
Superficial Gas Velocity, m/s


Peclet numbers of gas and liquid phases at various operating conditions (H = 30 m and D = 2 m)
Gas phase
Liquid phase, Ul = 0.02 m/s
Liquid phase, Ul = 0.05 m/s
Peclet Number
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
Superficial Gas Velocity, m/s